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IAP7 Rec'd PCT/PT 06 FEB 2006  
PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

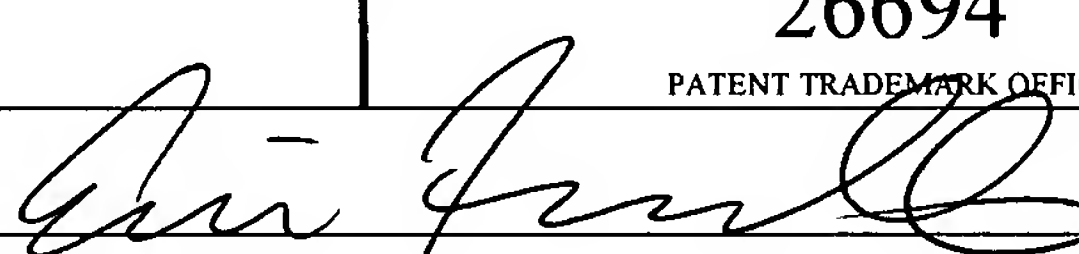
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	40/531,210	
	Filing Date	April 14, 2005	
	First Named Inventor	GUNNMARKER et al.	
	Group Art Unit	TBA	
	Examiner Name	TBA	
Total Number of Pages in This Submission		Attorney Docket Number	43315-216983

**Stamp:** O I P E 14513 FEB 06 2006 PATENT TRADEMARK OFFICE

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> <b>Fee Transmittal Form</b>  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Preliminary Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input checked="" type="checkbox"/> <b>Response to Missing Requirements under 35 U.S.C. 371</b>	<input checked="" type="checkbox"/> <b>Assignment Papers</b> (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Consent of Assignee to Correction of Inventorship  <input type="checkbox"/> Petition to Correct Inventorship  <input type="checkbox"/> Power of Attorney  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> <b>Other Enclosure(s)</b> (please identify below):  <b>Declaration.</b>
<b>Remarks</b>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name		<b>*26694*</b> <b>26694</b> PATENT TRADEMARK OFFICE
Signature	Eric J. Franklin, Reg. No. 37,134	
Date	February 6, 2006	

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450b on this date: _____			
Typed or printed name			
Signature		Date	

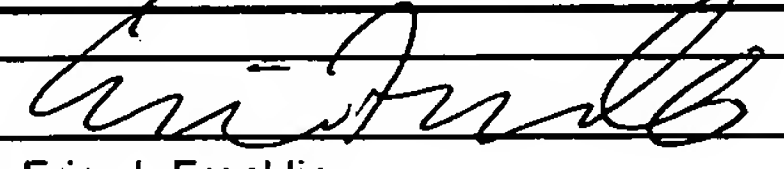
**VENABLE**  
ATTORNEYS AT LAW

SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, 22313-1450.

<p><i>Effective on 12/08/2004.</i>  <i>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</i></p> <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">For FY 2006</h3>		<p><b>Complete if Known</b></p>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/531,210
		Filing Date	April 14, 2005
		First Named Inventor	GUNNMARKER et al.
		Examiner Name	tba
		Art Unit	tba
TOTAL AMOUNT OF PAYMENT		(\$)	40.00
		Attorney Docket No.	43315-216983

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account            Deposit Account Number: <u>22-0261</u> Deposit Account Name: <u>Venable LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee	
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	

<b>FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
						<b>Small Entity</b>	
						<b>Fee (\$)</b>	<b>Fee (\$)</b>
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
<b>Total Claims</b>		<b>Extra Claims</b>		<b>Fee (\$)</b>		<b>Fee Paid (\$)</b>	
_____ - 20 = _____		x _____		= _____			
HP = highest number of total claims paid for, if greater than 20.							
<b>Indep. Claims</b>		<b>Extra Claims</b>		<b>Fee (\$)</b>		<b>Fee Paid (\$)</b>	
_____ - 3 = _____		x _____		= _____			
HP = highest number of total claims paid for, if greater than 3.							
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>		<b>Extra Sheets</b>		<b>Number of each additional 50 or fraction thereof</b>		<b>Fee (\$)</b>	
_____ - 100 = _____		/50		(round up to a whole number) x _____		= _____	
						<b>Fee Paid (\$)</b>	
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): <u>Recording Assignment</u>						<b>40.00</b>	

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	37,134
Name (Print/Type)	Eric J. Franklin	Telephone	(202) 344-4000
		Date	February 6, 2006

In Re Application of: GUNNMARKER *et al.*

Filed: April 14, 2005

Conf. No.: 9108

**For: FAULT DETECTION IN AN INDUSTRIAL CONTROLLER DURING SAFETY CONTROL**

Atty. Dkt.: 43315-216983

) Group Art Unit: TBA

) Examiner: TBA

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RESPONSE TO  
NOTIFICATION OF  
MISSING  
REQUIREMENTS

26694  
U.S. PATENT AND  
TRADEMARK OFFICE

**February 6, 2006**

**Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Sir:

In response to the Notification of Missing Requirements dated December 8, 2005, submitted herewith are the following:

- Copy of Notification of Missing Requirements of Nonprovisional Application;
- Executed copy of Declaration;
- Executed copy of Assignment, with Recordation Coversheet.

- Assignment Recordation Fee

	<u>\$ 40.00</u>
<b>Total fees enclosed:</b>	<b>\$ 40.00</b>

Should any greater or lesser fee be required, please charge or credit our Deposit Account No. 22-0261 and advise us accordingly.

Date: 2/6/06

Respectfully submitted,

Truly

Eric J. Franklin, Reg. No. 37,134  
VENABLE LLP  
575 7<sup>th</sup> Street, NW  
Washington, DC 20004  
Telephone: (202) 344-4936  
Facsimile: (202) 344-8300



## UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/531,210	Mats Gunnmarker	43315-216983

INTERNATIONAL APPLICATION NO.
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PCT/IB03/04493

26694  
VENABLE LLP  
P.O. BOX 34385  
WASHINGTON, DC 20045-9998

I.A. FILING DATE	PRIORITY DATE
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10/13/2003

CONFIRMATION NO. 9108

371 FORMALITIES LETTER



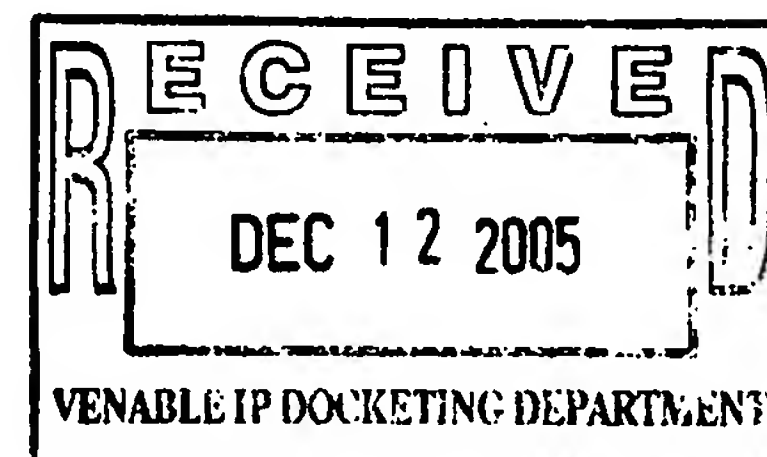
\*OC000000017601699\*

Date Mailed: 12/08/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/14/2005
- Copy of the International Search Report filed on 04/14/2005
- Preliminary Amendments filed on 04/14/2005
- Information Disclosure Statements filed on 04/14/2005
- Request for Immediate Examination filed on 04/14/2005
- Copy of references cited in ISR filed on 04/14/2005
- U.S. Basic National Fees filed on 04/14/2005
- Priority Documents filed on 04/14/2005



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

## BEST AVAILABLE COPY

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/531,210	PCT/IB03/04493	43315-216983

FORM PCT/DO/EO/905 (371 Formalities Notice)

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